

Snap-on Tools
1999 Environmental Performance Data
Algona

Earned Hours - Last Year: 334,165

This Year: 359,236

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	9,574	11,683	1.0750	11,683	12,560	-23.77
1) Electrical (KWh)	17,888,500	17,499,300	1.0750	17,499,300	18,812,199	-4.91
2) Natural Gas (cu. ft./yr.)	126,900,000	127,300,000	1.0750	127,300,000	136,850,784	-7.27
3) Fuel Oil (gals./yr.)	0	0	1.0750	0	0	0
4) Raw Material (tons)	16,990.7	13,891.4	1.0750	13,891.4	14,933.6	13.77
WV (Waste Volume)	0.01525	0.0208	1.0750	0.0208	0.0224	-31.80
1) Hazardous Waste (tons)	1.35	1.35	1.0750	1.35	1.45	-6.98
2) Non-Hazardous (tons)	257.8	288	1.0750	288	309.61	-16.73
3) Form R Emissions	61.5	61.5	1.0750	61.5	66.11	-6.98
WMV (Waste Management)	.7957	.7696	1.0750	.7696	0.8273	-3.82
1) Total Industrial Waste	2,053.2	1,958.9	1.0750	1,958.9	2,105.9	-2.50
2) Adjusted Waste Value	2,580.4	2,545.3	1.0750	2,545.3	2,736.3	-5.70
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	14,817,000	13,059,000	1.0750	13,059,000	14,038,762	5.54
2) Metals (lbs./yr.)	91.1	72.31	1.0750	72.31	77.74	17.19
3) Tot. Suspended Solids (lbs./yr.)	4,405.4	3,732.4	1.0750	3,732.4	4,012.4	9.79
4) BOD ₅	258,961	203,560	1.0750	203,560	218,832	18.34
5) Theoretical Excedence	1	0	N/A	0	N/A	N/A
RV (Recycle Volume)	.8737	.8522	1.0750	.8522	0.9161	-4.63
1) Waste Oil Recycled (tons)	7.5	6.4	1.0750	6.4	6.88	9.01
2) Metals Recycled (tons)	1,786.6	1,663.1	1.0750	1,663.1	1,787.9	-0.07
3) Paper Recycled (tons)	93.2	70.7	1.0750	70.7	76.00	22.62

Snap-on Tools
1999 Environmental Performance Data
Elizabethton

Earned Hours - Last Year: 302,077

This Year: 267,935

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	11,799	9,060	0.8870	9,060	8,036	46.83
1) Electrical (KWh)	15,602,400	16,612,800	0.8870	16,612,800	14,735,152	5.89
2) Natural Gas (cu. ft./yr.)	285,101	283,857	0.8870	283,857	251,774	13.24
3) Fuel Oil (gals./yr.)	0	0	0.8870	0	0	N/A
4) Raw Material (tons)	2,668.7	3,698.3	0.8870	3,698.3	3,280.3	-18.64
WV (Waste Volume)	0.2651	0.1722	0.8870	0.1722	0.1527	73.57
1) Hazardous Waste (tons)	99.6	73.5	0.8870	73.5	65.19	52.78
2) Non-Hazardous (tons)	608	564	0.8870	564	500.25	21.54
3) Form R Emissions	0.00	2.10	0.8870	2.10	1.86	-100.00
WMV (Waste Management)	.3882	.3935	0.8870	.3935	0.3490	11.22
1) Total Industrial Waste	1,079.9	946.5	0.8870	946.5	839.52	28.63
2) Adjusted Waste Value	2,781.4	2,405.0	0.8870	2,405.0	2,133.2	30.39
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	13,618,560	15,965,851	0.8870	15,965,851	14,161,323	-3.83
2) Metals (lbs./yr.)	58.6	38.4	0.8870	38.4	34.06	72.05
3) Tot. Suspended Solids (lbs./yr.)	173.7	356.8	0.8870	356.8	316.47	-45.11
4) BOD ₅	N/A	N/A	0.8870	N/A	N/A	N/A
5) Theoretical Excedence	0	0	N/A	0	N/A	N/A
RVV (Recycle Volume)	.3447	.3264	0.8870	.3264	0.2895	19.06
1) Waste Oil Recycled (tons)	186.7	110.2	0.8870	110.2	97.74	91.01
2) Metals Recycled (tons)	185.6	198.8	0.8870	198.8	176.33	5.26
3) Paper Recycled (tons)	3	2	0.8870	2	1.77	69.11

Snap-on Tools
1999 Environmental Performance Data
Johnson City

Earned Hours - Last Year: 143,264

This Year: 135,921

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	19,432	20,749	0.9487	20,749	19,686	-1.29
1) Electrical (KWh)	5,953,219	6,331,681	0.9487	6,331,681	6,007,151	-0.90
2) Natural Gas (cu. ft./yr.)	116,398	131,875	0.9487	131,875	125,116	-6.97
3) Fuel Oil (gals./yr.)	0	0	0.9487	0	N/A	N/A
4) Raw Material (tons)	618.7	616.6	0.9487	616.6	585	5.76
WV (Waste Volume)	0.116211	0.09835	0.9487	0.0984	0.0933	24.54
1) Hazardous Waste (tons)	55.7	39.44	0.9487	39.44	37.42	48.86
2) Non-Hazardous (tons)	16.2	21.21	0.9487	21.21	20.12	-19.49
3) Form R Emissions	0	0	0.9487	0	0	N/A
WMV (Waste Management)	.3546	.3866	0.9487	.3866	0.3668	-3.32
1) Total Industrial Waste	132.5	119.5	0.9487	119.5	113.38	16.87
2) Adjusted Waste Value	373.6	308.9	0.9487	308.9	293.07	27.48
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	3,695,969	4,151,385	0.9487	4,151,385	3,938,606	-6.16
2) Metals (lbs./yr.)	12.1	19.19	0.9487	19.19	18.21	-33.54
3) Tot. Suspended Solids (lbs/yr.)	277.3	350.4	0.9487	350.4	332.44	-16.59
4) BOD ₅	N/A	N/A	0.9487	N/A	N/A	N/A
5) Theoretical Excedence	0	0	N/A	0	N/A	N/A
RVV (Recycle Volume)	.4573	.4927	0.9487	.4927	0.4674	-2.17
1) Waste Oil Recycled (tons)	41.6	29.96	0.9487	29.96	28.42	46.35
2) Metals Recycled (tons)	19	28.9	0.9487	28.9	27.42	-30.70
3) Paper Recycled (tons)	1.63	1.9	0.9487	1.9	1.80	-9.58



Environmental Achievement Benchmarking For Major Facilities



Snap-on Tools 1999 Environmental Performance Data JH Williams

Earned Hours - Last Year: 99,091 This Year: 92,761

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	37,384	22,134	0.9361	22,134	20,720	80.42
1) Electrical (KWh)	4,737,398	4,996,279	0.9361	4,996,279	4,677,113	1.29
2) Natural Gas (cu. ft./yr.)	87,561	102,517	0.9361	102,517	95,968	-8.76
3) Fuel Oil (gals./yr.)	227	110	0.9361	110	103	120.45
4) Raw Material (tons)	255.8	456.1	0.9361	456.1	427	-40.09
WVW (Waste Volume)	0.3416	0.2234	0.9361	0.2234	0.2091	63.34
1) Hazardous Waste (tons)	40.6	41.9	0.9361	41.9	39.22	3.51
2) Non-Hazardous (tons)	47.8	60	0.9361	60	56.17	-14.90
3) Form R Emissions	0	7.2	0.9361	7.2	6.74	-100.00
WMV (Waste Management)	3835	3950	0.9361	3950	0.3698	3.71
1) Total Industrial Waste	147	175.3	0.9361	175.3	164.10	-10.42
2) Adjusted Waste Value	383.3	443.7	0.9361	443.7	415.36	-7.72
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	5,484,000	6,732,000	0.9361	6,732,000	6,301,955	-12.98
2) Metals (lbs./yr.)	30.1	48.4	0.9361	48.4	45.31	-33.57
3) Tot. Suspended Solids (lbs./yr.)	66.3	303.2	0.9361	303.2	283.83	-76.64
4) BOD ₅	N/A	N/A	0.9361	N/A	N/A	N/A
5) Theoretical Excedence	0	0	N/A	0	N/A	N/A
RVV (Recycle Volume)	3986	4187	0.9361	4187	0.3920	1.70
1) Waste Oil Recycled (tons)	18.9	16.6	0.9361	16.6	15.54	21.62
2) Metals Recycled (tons)	58.6	56.8	0.9361	56.8	53.17	10.21
3) Paper Recycled (tons)	25.7	111.7	0.9361	111.7	104.56	-75.42

Snap-on Tools
1999 Environmental Performance Data
Kenosha

Earned Hours - Last Year: 490,741

This Year: 525,653

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	25,890	24,516	1.0711	24,516	26,260	-1.41
1) Electrical (KWh)	6,665,532	6,615,461	1.0711	6,615,461	7,086,094	-5.94
2) Natural Gas (cu. ft./yr.)	68,383,600	66,888,300	1.0711	66,888,300	71,646,827	-4.55
3) Fuel Oil (gals./yr.)	106,940	107,084	1.0711	107,084	114,702	-6.77
4) Raw Material (tons)	3,169	3,281	1.0711	3,281	3,515	-9.85
WVW (Waste Volume)	0.0253	0.0234	1.0711	0.0234	0.0251	0.94
1) Hazardous Waste (tons)	80.3	77.1	1.0711	77.1	82.59	-2.77
2) Non-Hazardous (tons)	0	0	1.0711	0	0	N/A
3) Form R Emissions	0.00	17.50	1.0711	17.50	18.74	-100.00
WMV (Waste Management)	.7872	.6789	1.0711	.6789	0.7272	8.25
1) Total Industrial Waste	1,501.3	1,429.1	1.0711	1,429.1	1,530.8	-1.93
2) Adjusted Waste Value	1,907.2	2,104.8	1.0711	2,104.8	2,254.5	-15.41
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	13,540,111	13,804,161	1.0711	13,804,161	14,786,208	-8.43
2) Metals (lbs./yr.)	180.1	183.6	1.0711	183.6	196.7	-8.42
3) Tot. Suspended Solids (lbs./yr.)	329.7	1,120.1	1.0711	1,120.1	1,199.8	-72.52
4) BOD ₅	N/A	N/A	1.0711	N/A	N/A	N/A
5) Theoretical Excedence	0	0	N/A	0	N/A	N/A
RVV (Recycle Volume)	.9465	.9461	1.0711	.9461	1.0134	-6.60
1) Waste Oil Recycled (tons)	165.0	116.3	1.0711	11.3	124.6	32.45
2) Metals Recycled (tons)	1,256.0	1,352.0	1.0711	1,352.0	1,448.2	-13.27
3) Paper Recycled (tons)	140.7	147.5	1.0711	147.5	158.0	-10.95

Snap-on Tools
1999 Environmental Performance Data
Milwaukee

Earned Hours - Last Year: 262,077

This Year: 254,120

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	15,650	15,201	0.9696	15,201	14,739	6.18
1) Electrical (KWh)	9,670,306	9,541,479	0.9696	9,541,479	9,251,787	4.52
2) Natural Gas (cu. ft./yr.)	27,633,700	32,717,300	0.9696	32,717,300	31,723,960	-12.89
3) Fuel Oil (gals./yr.)	0	0	0.9696	0	N/A	N/A
4) Raw Material (tons)	3,001.4	3,407.6	0.9696	3,407.6	3,304.1	-9.16
WV (Waste Volume)	0.032052	0.03354	0.9696	0.03354	0.0325	-1.44
1) Hazardous Waste (tons)	86.2	99.6	0.9696	99.6	96.6	-10.74
2) Non-Hazardous (tons)	10.0	14.7	0.9696	14.7	14.3	-29.84
3) Form R Emissions	1.1	1.1	0.9696	1.1	1.1	3.13
WMV (Waste Management)	0.6515	0.5934	0.9696	0.5934	0.5754	13.23
1) Total Industrial Waste	661.3	725	0.9696	725.0	703.0	-5.93
2) Adjusted Waste Value	1,015.0	1,221.6	0.9696	1,221.6	1,184.5	-14.31
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	9,056,001	9,116,000	0.9696	9,116,000	8,839,226	2.45
2) Metals (lbs./yr.)	39.4	39.6	0.9696	39.6	38.40	2.61
3) Tot. Suspended Solids (lbs/yr.)	55.8	398.4	0.9696	398.4	386.30	-85.56
4) BOD ₅	N/A	N/A	0.9696	N/A	N/A	N/A
5) Theoretical Excedence	0	0	N/A	0	N/A	N/A
RVV (Recycle Volume)	0.8545	0.8423	0.9696	0.8423	0.8167	4.62
1) Waste Oil Recycled (tons)	75.1	120.7	0.9696	120.7	117.0	-35.83
2) Metals Recycled (tons)	490.0	490.0	0.9696	490.0	475.1	3.13
3) Paper Recycled (tons)	26.0	27.3	0.9696	27.3	26.5	-1.78

Snap-on Tools
1999 Environmental Performance Data
Mt. Carmel

Earned Hours - Last Year: 604,013 This Year: 559,992

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	27,847	26,290	0.9271	26,290	24,374	14.25
1) Electrical (KWh)	14,608,800	14,771,697	0.9271	14,771,697	13,695,122	6.67
2) Natural Gas (cu. ft./yr.)	49,019,637	51,966,392	0.9271	51,966,392	48,179,035	1.74
3) Fuel Oil (gals./yr.)	0	0	0.9271	0	0	N/A
4) Raw Material (tons)	2,809.5	3,112.3	0.9271	3,112.3	2,885.5	-2.63
WV (Waste Volume)	0.14141	0.1711	0.9271	0.1711	0.1586	-10.86
1) Hazardous Waste (tons)	132.1	283.7	0.9271	283.7	263.02	-49.78
2) Non-Hazardous (tons)	265.2	249.1	0.9271	249.1	230.95	14.83
3) Form R Emissions	4.88	4.88	0.9271	4.88	4.52	7.86
WMV (Waste Management)	.5164	.4873	0.9271	.4873	0.4518	14.30
1) Total Industrial Waste	1,283.5	1,764.9	0.9271	1,764.9	1,636.3	-21.56
2) Adjusted Waste Value	2,485.2	3,621.6	0.9271	3,621.6	3,357.7	-25.98
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	7,828,873	8,301,236	0.9271	8,301,236	7,696,234	1.72
2) Metals (lbs./yr.)	83.4	76.2	0.9271	76.2	70.65	18.05
3) Tot. Suspended Solids (lbs./yr.)	367.5	776.7	0.9271	776.7	720.09	-48.96
4) BOD ₅	N/A	N/A	0.9271	N/A	N/A	N/A
5) Theoretical Excedence	0	0	N/A	0	N/A	N/A
RVV (Recycle Volume)	.6903	.6981	0.9271	.6981	0.6472	6.66
1) Waste Oil Recycled (tons)	275	507.4	0.9271	507.4	470.42	-41.54
2) Metals Recycled (tons)	611	724.7	0.9271	724.7	671.88	-9.06
3) Paper Recycled (tons)	181.4	180.8	0.9271	180.8	167.62	8.22

Snap-on Tools
1999 Environmental Performance Data
Natick

Earned Hours - Last Year: 110,246 This Year: 102,565

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	8,835	16,993	0.9303	16,993	15,809	-44.11
1) Electrical (KWh)	1,449,978	1,516,250	0.9303	1,516,250	1,410,611	2.79
2) Natural Gas (cu. ft./yr.)	29,011	26,274	0.9303	26,274	024,443	18.69
3) Fuel Oil (gals./yr.)	0	0	0.9303	0	0	N/A
4) Raw Material (tons)	331.5	180	0.9303	180	167	97.96
WVV (Waste Volume)	1.1031	1.2277	0.9303	1.2277	1.1422	-3.42
1) Hazardous Waste (tons)	0	0	0.9303	0	0	N/A
2) Non-Hazardous (tons)	365.7	221	0.9303	221	205.60	77.87
3) Form R Emissions	N/A	N/A	N/A	N/A	N/A	N/A
WMV (Waste Management)	.4692	.4207	0.9303	.4207	0.3914	19.88
1) Total Industrial Waste	561.7	321	0.9303	321	298.64	88.09
2) Adjusted Waste Value	1,197.1	763	0.9303	763	709.84	68.64
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	7,143	6,945	0.9303	6,945	006,461	10.55
2) Metals (lbs./yr.)	N/A	N/A	0.9303	N/A	N/A	N/A
3) Tot. Suspended Solids (lbs./yr.)	N/A	N/A	0.9303	N/A	N/A	N/A
4) BOD ₅	N/A	N/A	0.9303	N/A	N/A	N/A
5) Theoretical Excedence	N/A	N/A	N/A	N/A	N/A	N/A
RVV (Recycle Volume)	.3489	.3115	0.9303	.3115	0.2898	20.39
1) Waste Oil Recycled (tons)	0	0	0.9303	0	0.00	N/A
2) Metals Recycled (tons)	196	100	0.9303	100	93.03	110.68
3) Paper Recycled (tons)	39	0	0.9303	0	0.00	N/A

Snap-on Tools
1999 Environmental Performance Data
Snap-on Diagnostics - East Troy/Elkhorn

Earned Hours - Last Year: 150,568 This Year: 137,807

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	4,560	3,208	0.9152	3,208	2,936	55.31
1) Electrical (KWh)	2,282,825	2,343,337	0.9152	2,343,337	2,144,734	6.44
2) Natural Gas (cu. ft./yr.)	3,582,066	4,056,300	0.9152	4,056,300	3,712,519	-3.51
3) Fuel Oil (gals./yr.)	0	0	0.9152	0	N/A	N/A
4) Raw Material (tons)	2,809.5	2,725.2	0.9152	2,725.2	2,494.2	12.64
WV (Waste Volume)	0.0693	0.0517	0.9152	0.0517	0.0473	46.45
1) Hazardous Waste (tons)	4.6	3.2	0.9152	3.2	2.93	57.06
2) Non-Hazardous (tons)	119.3	137.7	0.9152	137.7	126.03	-5.34
3) Form R Emissions	0	3.3	0.9152	3.3	3	-100.00
WMV (Waste Management)	.3606	.3392	0.9152	.3392	0.3105	16.15
1) Total Industrial Waste	142.4	146.5	0.9152	146.5	134.08	6.20
2) Adjusted Waste Value	394.8	431.8	0.9152	431.8	395.20	-0.10
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	2,028,800	2,171,100	0.9152	2,171,100	1,987,094	2.10
2) Metals (lbs./yr.)	N/A	N/A	0.9152	N/A	N/A	N/A
3) Tot. Suspended Solids (lbs./yr.)	N/A	N/A	0.9152	N/A	N/A	N/A
4) BOD ₅	N/A	N/A	0.9152	N/A	N/A	N/A
5) Theoretical Excedence	0	0	N/A	0	N/A	N/A
RVV (Recycle Volume)	.1299	.0382	0.9152	.0382	0.0350	271.54
1) Waste Oil Recycled (tons)	0	0.31	0.9152	0.31	0.28	-100.00
2) Metals Recycled (tons)	18.5	5.61	0.9152	5.61	5.13	260.30
3) Paper Recycled (tons)	72.5	93.7	0.9152	93.7	85.76	-15.46

Snap-on Tools
1999 Environmental Performance Data
John Bean - Conway

Earned Hours - Last Year: 112,366 This Year: 96,783

Indicator	Current Year	Last Year	Index	Absolute Value	Normalized Value	% Change
ECV (Energy)	N/A	N/A	N/A	N/A	N/A	N/A
1) Electrical (KWh)	5,879,300	5,145,000	N/A	N/A	N/A	N/A
2) Natural Gas (cu. ft./yr.)	106,263	126,074	N/A	N/A	N/A	N/A
3) Fuel Oil (gals./yr.)	0	0	N/A	N/A	N/A	N/A
4) Raw Material (tons)	0	0	N/A	N/A	N/A	N/A
WV (Waste Volume)	N/A	N/A	N/A	N/A	N/A	N/A
1) Hazardous Waste (tons)	7	1	N/A	N/A	N/A	N/A
2) Non-Hazardous (tons)	1,250 Yds.	1800 Yds.	N/A	N/A	N/A	N/A
3) Form R Emissions	N/A	N/A	N/A	N/A	N/A	N/A
WMV (Waste Management)	N/A	N/A	N/A	N/A	N/A	N/A
1) Total Industrial Waste	N/A	N/A	N/A	N/A	N/A	N/A
2) Adjusted Waste Value	N/A	N/A	N/A	N/A	N/A	N/A
WPV (Wastewater Performance)						
1) Flow (gals./yr.)	0	0	N/A	N/A	N/A	N/A
2) Metals (lbs./yr.)	N/A	N/A	N/A	N/A	N/A	N/A
3) Tot. Suspended Solids (lbs./yr.)	N/A	N/A	N/A	N/A	N/A	N/A
4) BOD ₅	N/A	N/A	N/A	N/A	N/A	N/A
5) Theoretical Excedence	N/A	N/A				
RVV (Recycle Volume)	N/A	N/A	N/A	N/A	N/A	N/A
1) Waste Oil Recycled (tons)	.0	0	N/A	N/A	N/A	N/A
2) Metals Recycled (tons)	70.6	66.9	N/A	N/A	N/A	N/A
3) Paper Recycled (tons)	8.5	6.7	N/A	N/A	N/A	N/A

<p style="text-align: center;">SNAP-ON INCORPORATED ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM</p>

4.3.3.1 Objectives and Targets Determined on Annual Basis

Objectives and targets are determined on an annual basis consistent with the aspects/impacts of activities determined to be significant (Section 4.3.4.1 through 4.3.4.8) and the following general objectives:

Improvement of environmental and health and safety performance.

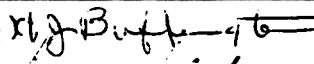
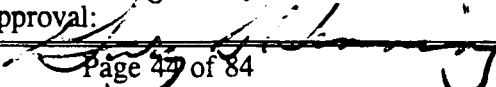
All discretionary projects must meet the RONAEBIT financial criterion of MTS 64.31 Section 7.0.

- Incorporating advances in technology and operating controls with respect to the environment and health and safety.
- Researching and study of evolving methods such as BAT and MACT.

NOTE: The EH&S Group will prepare and maintain a list of objectives and targets (action plan) concerning ongoing initiatives under this section. At each facility wherein an initiative (see Current Action List) is planned, a person will be designated as champion of the project (responsible person).

The EH&S Group will monitor the current Action List and amend on an annual basis as part of the annual review.

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SNAP-ON INCORPORATED ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM

4.3.4 EH&S Management System

Snap-on does not use command and control methodology in meeting its EH&S objectives. People at every operating level have been empowered to make a contribution. Of particular significance is the empowerment of those close to the source, the Coordinators on the facility floors.

These employees orchestrate the effort and have primacy in meeting corporate-wide objectives. These Coordinators typically are Plating Supervisors, Process Engineers, Chemists or others who perform compliance duties and program oversight in addition to their other responsibilities.

To support the corporate EH&S objectives and to provide needed leadership to the front line Coordinators, Snap-on provides a small professional group that serves as a resource on engineering controls, regulatory compliance issues, pollution prevention, management system implementation and personnel development. The organizational structure employed to meet Snap-on goals and objectives is presented in Section 4.4.1 of this Manual of Practice.

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SNAP-ON INCORPORATED
ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM

TABLE 4.3.4(a) – SUMMARY OF EH&S ASPECTS/IMPACTS

Activities (Category/Statute)	Environmental Aspects/Impacts	Hygiene & Safety Aspects/Impacts (Hazards/Risks)	Significant Y/N	Operational Controls (MTS)	Monitoring/ Measurement Required	Targets & Objectives Y/N
Protection of Employee Safety & Health (Ref 4.3.4.1)	—	Employee Exposure Physical Hazards Ergonomics	Yes	64.02 .51 .52 .54 .56 .71 .72	IH Monitoring & Assoc. Cals. Ergonomic Eval. Employee Exams – (where applicable)	Yes
Control & Enhancement of Atmospheric Air (Ref 4.3.4.2)	Global Warming Ozone Depletion Acid Rain Toxic Releases Ambient Air Quality	Community Exposures	Yes	64.21 .31 .04	Chromium NESHAP Requirements Title V Monitoring & Record Keeping	Yes
Protection of Surface & Groundwater Supplies (Ref 4.3.4.3)	Groundwater Contamination Surface Water Contamination POTW Impacts	Impaired Drinking Water Supplies	Yes	64.02 .04 .21 .31 .41	Wastewater Effluent (5/4 Report) Stormwater Monitoring Pollution Control Monitors	Yes
Management of Solid & Hazardous Waste (Ref 4.3.4.4)	Land Contamination Groundwater Contamination Drinking Contamination Ambient Air Quality Surface Water Contamination	Direct Exposures Drinking Water Contam.	Yes	64.02 .04 .21 .31 .51 .61	TCLP Analysis Waste Profiles TSD Audits	Yes
Hazardous Materials Transportation (Ref 4.3.4.5)	Env. Releases to Land, Air & Water	Community Exposure Distribution Personnel Exposure Exposures to Medical & Emergency Response	Yes	64.02 .51 .61	—	Yes
Environmental Releases & Response to Releases (Ref 4.3.4.6)	Contamination of Land, Air & Water Ecological Damage	Personal Exposures	Yes	64.02 .51 .61	Remediation Monitoring	Yes
Misc. Control of Hazardous Substances (Ref 4.3.4.7)	Contamination of Land, Air & Water Ecological Damage	Personal Exposure to PCB's, Asbestos, etc.	Yes	64.02 .31 .51 .61	TCLP Analysis Waste Profiles	Yes
Pollution Prevention (Ref 4.3.4.8)	Reducing Ecological & Environmental Impacts	Reduced Personal Exposures	Yes	64.02 .31	Waste Minimization Worksheet	Yes

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SNAP-ON INCORPORATED

ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM

4.3.4.1 EH&S Impact Matrix

■ CATEGORY/STATUTE

- Protection of Employee Safety and Health

■ KEY MANAGEMENT ISSUES

- Exposure to toxic chemicals and other workplace stressors

■ PROCESSES OF CONCERN

	Significance Decision Criteria				
	Number Of Facilities (Est.)	Relative Hazard Rating	Incident Rating	Regulated Y/N	Significance Determination S/NS
Electroplating lines	14	H	L	Y	S
Vibratory mass finishing	14	M	L	Y	S
Polishing/grinding	All	M	M	Y	S
Machining/coolants	48	M	M	Y	S
Electrocoating and painting	7	H	L	Y	S
Chemical storage	All	M	L	Y	S
Conversion coating	12	M	L	Y	S
Process laboratories	14	M	L	Y	S
Spill response	48	M	L	Y	S
Extrusion processes	2	M	L	Y	S
Powder coating	10	M	L	Y	S
Welding & cutting	12	H	M	Y	S
Plastic injection molding	6	M	M	Y	S
Materials handling and distribution	All	M	L	Y	S
Industrial truck emissions	All	H	L	Y	S
Soldering	10	M	L	Y	S

H – High Concern*

M – Moderate Concern*

L – Low Concern*

* Determined per discussion in Section 4.3.1. Nonsignificant aspects/impacts also addressed in this section.

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SNAP-ON INCORPORATED ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM

4.3.4.2 EH&S Impact Matrix

■ **CATEGORY/STATUTE**

- Control and Enhancement of Atmospheric Air

■ **KEY MANAGEMENT ISSUES**

- Control of all emissions that are perceived to be injurious to public health and the environment

■ **PROCESSES OF CONCERN**

	Significance Decision Criteria				
	Number Of Facilities (Est.)	Relative Hazard Rating	Incident Rating	Regulated Y/N	Significance Determination S/NS
Electroplating lines	14	H	L	Y	S
Heat treating	30	M	L	Y	S
Conversion coating	12	H	L	Y	S
Polishing/grinding	30	M	L	Y	S
Electrocoating and painting	7	H	L	Y	S
Powder Painting	10	M	L	Y	S
Storage, handling and use of chemicals	20	H	L	Y	S

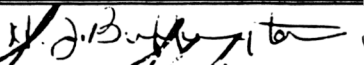

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SNAP-ON INCORPORATED ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM

4.3.4.3 EH&S Impact Matrix

■ **CATEGORY/STATUTE**

- Protection of Surface and Groundwater Supplies

■ **KEY MANAGEMENT ISSUES**

- Control of all sources of pollution which may reach the national waterways or groundwater supplies, including stormwater runoff

■ **PROCESSES OF CONCERN**

	Significance Decision Criteria				
	Number Of Facilities (Est.)	Relative Hazard Rating	Incident Rating	Regulated Y/N	Significance Determination S/NS
Electroplating lines	14	H	L	Y	S
Vibratory mass finishing	14	H	L	Y	S
Conversion coating	12	H	L	Y	S
Electrocoating and painting	7	H	L	Y	S
Waste oil and coolants	48	H	L	Y	S
Wet grinding	15	M	L	Y	S
Materials handling and storage	All	H	L	Y	S
Stormwater management	48	M	L	Y	S

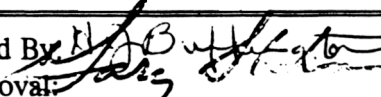
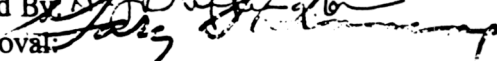
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SNAP-ON INCORPORATED ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM

4.3.4.4 EH&S Impact Matrix

■ **CATEGORY/STATUTE**

- Management of Solid and Hazardous Waste

■ **KEY MANAGEMENT ISSUES**

- Waste minimization and the proper management, treatment, shipment and storage of hazardous and nonhazardous waste, including Emergency Response

■ **PROCESSES OF CONCERN**

	Significance Decision Criteria				
	Number Of Facilities (Est.)	Relative Hazard Rating	Incident Rating	Regulated Y/N	Significance Determination S/NS
Electroplating waste	14	H	L	Y	S
Vibratory mass finishing waste	14	M	L	Y	S
Electrocoating/painting waste	7	M	L	Y	S
Grinding and polishing dust	30	M	L	Y	S
Waste oil and coolants	48	M	L	Y	S
Waste powder paint and other paint related waste	10	M	L	Y	S
Wastewater treatment residues	19	H	L	Y	S
Recycling of packaging, waste oil, metals and other waste	All	M	L	Y	S

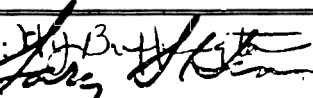

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SNAP-ON INCORPORATED ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM

4.3.4.5 EH&S Impact Matrix

■ **CATEGORY/STATUTE**

- Hazardous Materials Transportation

■ **KEY MANAGEMENT ISSUES**

- Shipments of all materials deemed hazardous by their chemical or physical properties

■ **PROCESSES OF CONCERN**

	Significance Decision Criteria				
	Number Of Facilities (Est.)	Relative Hazard Rating	Incident Rating	Regulated Y/N	Significance Determination S/NS
All off-site shipments of waste products and chemical shipments from and between Manufacturing Plants and Distribution Centers to the Dealer Network	All	H	L	Y	S

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M - Moderate Concern*

L - Low Concern*

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SNAP-ON INCORPORATED ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM

4.3.4.6 EH&S Impact Matrix

■ **CATEGORY/STATUTE**

- Environmental Releases and Response to Releases

■ **KEY MANAGEMENT ISSUES**

- Liability associated with off-site disposal and treatment and Community Right-to-Know laws concerning activities involving hazardous materials
- Successor liability associated with the acquisition of contaminated properties

■ **PROCESSES OF CONCERN**

	Significance Decision Criteria				
	Number Of Facilities (Est.)	Relative Hazard Rating	Incident Rating	Regulated Y/N	Significance Determination S/NS
Plating chemicals	14	H	L	Y	S
Wastewater sludges	19	M	M	Y	S
Conversion coating chemicals	12	H	L	Y	S
Electrocoating/painting chemicals	7	H	L	Y	S
TSD activities	48	H	L	Y	S
All waste recycling	48	H	L	Y	S
Acquisition of real estate and assets of potentially liable parties	N/A	H	M	Y	S

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M - Moderate Concern*

L - Low Concern*

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SNAP-ON INCORPORATED ENVIRONMENTAL, HYGIENE AND SAFETY MANAGEMENT SYSTEM

4.3.4.7 EH&S Impact Matrix

■ **CATEGORY/STATUTE**

- Miscellaneous Control of Hazardous Substances

■ **KEY MANAGEMENT ISSUES**

- Miscellaneous control of chemicals not controlled elsewhere

■ **PROCESSES OF CONCERN**

	Significance Decision Criteria				
	Number Of Facilities (Est.)		Incident Rating	Regulated Y/N	Significance Determination S/NS
Asbestos containing materials, i.e., seals for heat treating furnaces	30		L	Y	S
PCB's, i.e., machine capacitors and lighting ballast	0	H	L	Y	S
Heavy metals in light bulbs	15	M	L	Y	S
Management of rechargeable batteries	15	M	L	Y	S
Ozone depleting chemicals as defined under the Montreal Protocol	All	M	L	Y	S
Global warming gases as defined by the Kyoto Protocol	All	M	L	Y	S

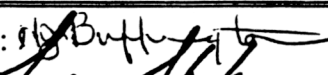

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4.3.4.8 EH&S Impact Matrix

■ **CATEGORY/STATUTE**

- Pollution Prevention

■ **KEY MANAGEMENT ISSUES**

- Source Reduction, Recycling and Treatment and Disposal

■ **PROCESSES OF CONCERN**

	Significance Decision Criteria				
	Number Of Facilities (Est.)	Relative Hazard Rating	Incident Rating	Regulated Y/N	Significance Determination S/NS
All processes that generate waste	All	M	L	Y	S
All energy expending processes, conservation efforts and the use of natural resources (water) and materials	All	M	L	Y	S

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M - Moderate Concern*

L - Low Concern*

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